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**Schlumberger**

17302 U.S.PTO  
10/7/32989

121103

**Via Express Mail EV 058 370 013 US**  
Customer Number 37003

December 11, 2003

MS Patent Application  
Hon. Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**Re: New Patent Application  
Harry Barrow  
Entitled, "METHOD AND SYSTEM FOR ESTIMATING THE  
POSITION OF A MOVABLE DEVICE IN A BOREHOLE"  
Our Reference No.: 57.0479 US NP**

Sir,

Enclosed, for filing in the U. S. Patent and Trademark Office, is the above-identified, new patent application which includes 18 pages of text, 2 pages of claims (1-12), Abstract, 2 sheets of drawings (Figs. 1-3), and an unexecuted Declaration.

The filing fee is calculated as follows:

Basic Filing Fee \$770.00

Total Claims = 12  
Excess over 20 = 0 X \$18.00 =

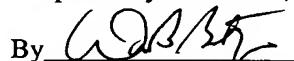
Independent Claims = 1  
Excess over 3 = 0 X \$86.00 =

**Total Fees \$770.00**

It is respectfully requested that a filing date bearing today's date be assigned to this application in accordance with 37 CFR §§1.10, and 37 CFR §§1.53, which permits Express Mail filing and late filing of the Oath or Declaration, respectively.

The Commissioner is hereby authorized to charge **Deposit Account N°. 19-0615** in the amount of **\$770.00** to cover the above-calculated fees and any other filing fees that may be required under 37 C.F.R. §1.16. Should this amount be incorrect, the Commissioner is hereby authorized to charge or credit any deficiency or overpayment to **Deposit Account N°. 19-0615**. Two copies of this transmittal letter are enclosed for PTO accounting use.

Respectfully submitted,

By 

William B. Batzer, Registration No. 37,088

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of §  
§ **CUSTOMER NUMBER 37003**  
**BARROW, Harry** § **Group Art Unit: Unknown**  
§  
Serial No: To Be Assigned §  
§ **Examiner: Unknown**  
Filed: December 11, 2003 §  
§  
For: METHOD AND SYSTEM FOR ESTIMATING §  
THE POSITION OF A MOVABLE DEVICE §  
IN A BOREHOLE § **Attorney Docket No.: 57.0479 US NP**

**EXPRESS MAIL CERTIFICATE  
UNDER 37 CFR §1.10**

MS Patent Application  
Hon. Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**Express Mail Label Number: EV 058 370 013 US  
Date of Deposit: DECEMBER 11, 2003**

I hereby certify that the attached paper(s) are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to MS Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

(Signature)  
(Print Name)

Ruth A. Schreiber

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